

21

10/6/9 538

CLAIMS

1. A separating device (7), in particular for use in a film dispenser (1), including a separating profile section (6), said separating device (7), which comprises at least one separating knife (8, 22) and a press element (9), being supported such that it is movable along said separating profile section (6) relative to a material that is adapted to be cut, in particular a material in the form of webs or sheets, wherein the press element (9) is implemented as a moving strip (11, 12) which is supported such that it is adapted to circulate at least in said separating device (7) and which causes the material adjacent to the separating knife (8, 22) to remain tensed at least in a linear manner along the direction of displacement (13) of said knife,
characterized in that
the separating device comprises a handle housing (15) provided with a guide member (21) and that the moving strip (11, 12) is placed around said guide member with a certain amount of play.
2. A separating device according to claim 1,
characterized in that
the material has the form of a slip of film.
3. A separating device according to claim 1 or 2,
characterized in that
at least one moving strip (11, 12) is arranged on either side of the separating knife (8, 22).
4. A separating device according to one of the preceding claims,
characterized in that
the moving strip (11, 12) is rotatably supported.
5. A separating device according to one of the preceding claims,
characterized in that
the moving strip (11, 12) is guided essentially parallel to the separating profile section (6) in the direction of displacement (13) of the separating knife (8).

22

10/6/9538

6. A separating device according to one of the preceding claims,
characterized in that
a parallel guide means (14) of the separating device (7), which is used for guiding the moving strip (11, 12), extends beyond the separating knife (8, 22) on both sides in the direction of displacement (13).
7. A separating device according to one of the preceding claims,
characterized in that
the separating device (7) comprises a handle housing (15), especially a bipartite handle housing (15), in which the separating knife (8, 22) is held and in which the moving strip (11, 12) is guided.
8. A separating device according to one of the preceding claims,
characterized in that
the separating device (7) comprises a handle housing (15) which is adapted to be lockingly attached to an inner member, the moving strips (11, 12) being placed around said inner member and the separating knife (8, 22) projecting, between the moving strips (11, 12), beyond a lower surface of said inner member.
9. A separating device according to one of the preceding claims,
characterized in that
at least one handle-housing half (16, 17) is provided with a fastening element (18) for the separating knife (8, 22), and that one handle-housing half (17, 16) is provided with a stop element (19) for the separating knife (8, 22).
10. A separating device according to one of the preceding claims,
characterized in that
the fastening element (18) and/or the stop element (19) are implemented as peg- or pin-shaped elements.
11. A separating device according to one of the preceding claims,
characterized in that
the handle-housing half (16, 17) is provided with a slot-shaped guide means (20) for the

10/6/9 538

- moving strip (11, 12).
12. A separating device according to one of the preceding claims,
characterized in that
one moving strip (11, 12) is guided in each handle-housing half (16, 17).
13. A separating device according to one of the preceding claims,
characterized in that
the separating knife (8, 22) is held between the handle-housing halves (16, 17).
14. A separating device according to one of the preceding claims,
characterized in that
the separating knife (8, 22) and the inner member are formed as an integral component.
15. A separating device according to one of the preceding claims,
characterized in that
the moving strip (11, 12) is guided with a certain amount of play around an approximately kidney-shaped guide member (21) in the handle-housing half (16, 17).
16. A separating device according to one of the preceding claims,
characterized in that
the separating knife (8, 22) used for cutting a plastic film is made of metal.
17. A separating device according to one of the preceding claims,
characterized in that
the separating knife (8, 22) is injection moulded into said inner member.
18. A separating device according to one of the preceding claims,
characterized in that
the separating knife (8, 22) used for cutting an aluminium foil is made of plastic material.
19. A separating device according to claim 17,
characterized in that
the separating knife (8, 22) is formed integrally with said inner member from plastic

10/6/9 538

material.

20. A separating device according to one of the preceding claims,
characterized in that
the separating knife (8, 22) is provided with a base element (25) which is guided in a suitable guide means (23) along a cutting slot (24) of the separating profile section (6).
21. A film dispenser (1) provided with a separating device (7) according to one of the preceding claims, said film dispenser comprising a housing (4) provided with at least one dispensing compartment (2, 3) and the separating profile section (6) being associated with a dispensing opening (5) of a dispensing compartment (2, 3),
characterized in that
the separating profile section (6) is formed in a flap (28) which is associated with the dispensing compartment (2, 3) and which is supported such that it is pivotable between an open position (26) and a closed position (27), said flap (28) being releasably locked with said housing (4) especially in the closed position (27).
22. A film dispenser according to claim 21,
characterized in that
especially by means of support axles (33, 34) projecting from the lateral ends (29, 30) of the flap (28), the flap (28) is at the lateral ends (29, 30) thereof supported in the housing (4) such that it is adapted to be pivoted and/or locked in said housing (4).
23. A film dispenser according to claim 21 or 22,
characterized in that
lateral cheeks (31, 32) projecting from lateral ends of the flap in the direction of the respective dispensing compartment have an elastically deflectable arm (35) on which a locking element (36) is arranged, said locking element (36) being in engagement with a counter-locking element (37) on the housing (4) in the closed position (27).
24. A film dispenser according to one of the claims 21 to 23,
characterized in that
recesses (40, 41) are formed in lateral housing end walls (38, 39), said recesses (40, 41) being open in the direction of the flap (28) and accommodating mating bodies (42)

25

10/6/9 538

arranged on the lateral cheek (31, 32), especially on the free end (43) of the arm (35), in the closed position (27) of the flap (28).

25. A film dispenser according to one of the claims 21 to 24,
characterized in that
the recess (40, 41) is essentially semicircular and that the cross-section of the mating body (42) has essentially the shape of a circular segment.
26. A film dispenser according to one of the claims 21 to 25,
characterized in that
an edge (44) of the recess (40, 41) is implemented as a locking protrusion (37) along at least part of its length.
27. A film dispenser according to one of the claims 21 to 26,
characterized in that
the flap (28) is provided with a boundary projection (45), which is located above the mating body (42) and which, at the closed position (27) of the flap (28), is arranged in the recess (40, 41) such that it is flush with the surface of the front side (46) of the housing (4), especially the arm (35) in the lateral cheek (31, 32) of the flap (28) being delimited by two slot-shaped openings (47, 48) which are open towards said boundary projection (45).
28. A film dispenser according to one of the claims 21 to 27,
characterized in that
an axle guide means (49) for accommodating the support axle (33, 34) projecting from the side face of the flap is formed laterally adjacent to the recess (40, 41) on the housing (4), said axle guide means (49) being open towards said recess.
29. A film dispenser according to one of the claims 21 to 28,
characterized in that
on an inner side (50) of the flap (28) facing the housing (4), a guide channel (51, 52) is formed, which extends along the cutting slot (24) and in which the base element (25) is accommodated and/or guided.

26

10/6/9 538

30. A film dispenser according to one of the claims 21 to 29,
characterized in that
the side walls (53) of said guide channel (51, 52) are provided with longitudinal openings (55) which are spaced apart in the longitudinal direction (54), especially one of said longitudinal openings (55) being implemented as an insertion opening (56) for the separating knife (8).
31. A film dispenser according to one of the claims 21 to 30,
characterized in that
the side walls (53) of said guide channel (51, 52) enclose an acute angle (57) with the inner side (50) of the flap (28).
32. A film dispenser according to one of the claims 21 to 31,
characterized in that
at least one guide means (58, 59) for the base element (25) is arranged along the cutting slot (24) on the inner side (50) of the flap (28).
33. A film dispenser according to one of the claims 21 to 32,
characterized in that
the flap (28) is provided with a pivotable flap (60) which is pivotably supported thereon through a film hinge (63) and which defines an edge (62) of the cutting slot (24) in the closed position (61) thereof.
34. A film dispenser according to one of the claims 21 to 33,
characterized in that
the pivotable flap (60) has, on the lower side thereof, at least one locking projection (65) formed especially on an elastically deflectable locking arm (66) and engaging a longitudinal opening (55, 56) of the guide channel (51, 52) when the flap (60) occupies the closed position (61).
35. A film dispenser according to one of the claims 21 to 34,
characterized in that
the flap (28) is provided with a guide channel (67) which extends in the longitudinal direction (54) thereof and which has arranged therein a strip (68) comprising the cutting

27

10/4/9538

slot (24) of the separating profile section (6), said strip (68) being especially removably arranged in said guide channel (67).

36. A film dispenser according to one of the claims 21 to 35,
characterized in that
the strip (68) provided with the separating profile section (6) and used for cutting the film/foil is adapted to be handled independently of the film dispenser (1).
37. A film dispenser according to one of the claims 21 to 36,
characterized in that
the guide channel (67) is open on at least one end (69) thereof.
38. A film dispenser according to one of the claims 21 to 37,
characterized in that
the strip (68) is adapted to be arranged in the guide channel (67) in such a way that its upper surface (70) is substantially flush with the front side (46) of the flap (28), the cutting slot (24) extending in said upper surface (70).
39. A film dispenser according to of the claims 21 to 38,
characterized in that
the strip (68) has a substantially square cross-section with support flanges projecting outwardly from the upper surface (70) thereof.
40. A film dispenser according to one of the claims 21 to 39,
characterized in that
the strip (68) is substantially hollow and that the base element (25) of the separating knife (8, 22) is guided in said strip (68).
41. A film dispenser according to one of the claims 21 to 40,
characterized in that
the strip (68) is adapted to be secured in position, especially locked in position in the guide channel (67).

10/619 538

42. A film dispenser according to one of the claims 21 to 41,
characterized in that
a friction-increasing coating is applied along the cutting slot (24), at least along one side thereof.
43. A separating device according to one of the claims 1 to 20,
characterized in that
the moving strip (11, 12) is formed of a material with increased friction, or that the outer surface (71) thereof, which comes into contact with the slip of film, comprises said material.
44. A film dispenser according to one of the claims 21 to 42,
characterized in that
the housing (4) has a rear wall (72) which extends at an oblique angle upwards and forwards.